

Message Text

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PAGE 01 STATE 210477

ORIGIN OES-09

INFO OCT-01 ISO-00 AF-10 ARA-14 EA-12 EUR-12 NEA-10

IO-14 SOE-02 AID-05 CEA-01 CIAE-00 COME-00

DODE-00 EB-08 DOE-15 H-02 INR-10 INT-05 L-03

NSAE-00 NSC-05 OMB-01 PM-05 ICA-20 SP-02 SS-15

STR-07 TRSE-00 ACDA-12 SIG-03 /203 R

DRAFTED BY OES/NET:CLEDSKY

APPROVED BY OES/NET/EST:JBORIGHT

OES/NE"/EST - JBORIGHT

DOE - FGOLDNER

-----051592 190206Z /61

P 182005Z AUG 78

FM SECSTATE WASHDC

TO AMEMBASSY BAMAKO PRIORITY

AMEMBASSY DACCA PRIORITY

AMEMBASSY KIGALI PRIORITY

AMEMBASSY MOGADISCIO PRIORITY

AMEMBASSY OUAGADOUGOU PRIORITY

AMEMBASSY BUJUMBURA PRIORITY

AMEMBASSY NDJAMENA PRIORITY

AMEMBASSY CAIRO PRIORITY

AMEMBASSY YAOUNDE PRIORITY

AMEMBASSY KHARTOUM PRIORITY

AMEMBASSY NOUAKCHOTT PRIORITY

AMEMBASSY LAGOS PRIORITY

AMEMBASSY BANGKOK PRIORITY

AMEMBASSY TEGUCIGALPA PRIORITY

AMEMBASSY DAKAR PRIORITY

AMEMBASSY MANILA PRIORITY

AMEMBASSY LUSAKA PRIORITY

AMEMBASSY MONROVIA PRIORITY

AMEMBASSY SAN SALVADOR PRIORITY

AMEMBASSY RABAT PRIORITY

AMEMBASSY KATHMANDU PRIORITY

AMEMBASSY LILONGWE PRIORITY

UNCLASSIFIED

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PAGE 02 STATE 210477

AMEMBASSY KINSHASA PRIORITY

AMEMBASSY CONAKRY PRIORITY

AMEMBASSY NEW DELHI PRIORITY

AMEMBASSY KABUL PRIORITY

AMEMBASSY NIAMEY PRIORITY

AMEMBASSY MASERU PRIORITY

AMEMBASSY ISLAMABAD PRIORITY

AMEMBASSY ACCRA PRIORITY
AMEMBASSY AMMAN PRIORITY
AMEMBASSY GUATEMALA PRIORITY
AMEMBASSY QUITO PRIORITY
AMEMBASSY ASUNCION PRIORITY
AMEMBASSY MANAGUA PRIORITY
AMEMBASSY SANTO DOMINGO PRIORITY
AMEMBASSY DAMASCUS PRIORITY
AMEMBASSY LIMA PRIORITY
AMEMBASSY TUNIS PRIORITY
AMEMBASSY ANKARA PRIORITY
AMEMBASSY SAN JOSE PRIORITY
AMEMBASSY KINGSTON PRIORITY
AMEMBASSY DAR ES SALAAM PRIORITY
AMEMBASSY PORT AU PRINCE PRIORITY
AMEMBASSY FREETOWN PRIORITY
AMEMBASSY COLOMBO PRIORITY
AMEMBASSY BANGUI PRIORITY
AMEMBASSY JAKARTA PRIORITY
AMEMBASSY NAIROBI PRIORITY
AMEMBASSY SANA PRIORITY
AMEMBASSY PANAMA PRIORITY
AMEMBASSY MONTEVIDEO PRIORITY
AMEMBASSY LISBON PRIORITY
AMEMBASSY PORT OF SPAIN PRIORITY
AMEMBASSY TEL AVIV PRIORITY
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PAGE 03 STATE 210477

UNCLAS STATE 210477

E.O. 11652:N/A

TAGS:ENRG, TECH, LDC

SUBJECT:COST OF ELECTRICITY PRODUCTION USING CONVENTIONAL
ENERGY SOURCES

1. THE DEPARTMENT HAS RECEIVED A CONGRESSIONAL REQUEST TO
ASSESS THE ECONOMIC COMPETITIVENESS OF PRODUCING ENERGY
FROM NONCONVENTIONAL ENERGY TECHNOLOGIES FOR USE BY
DEVELOPING COUNTRIES, AS COMPARED WITH THE COST OF PRODUCING
ELECTRICITY USING CONVENTIONAL ENERGY SOURCES.

2. POSTS ARE REQUESTED TO SUPPLY THE BACKGROUND INFORMATION
FOR THIS ASSESSMENT.

MINIMUM INFORMATION REQUIRED WOULD BE A LISTING OF THE COST
OF ELECTRICITY FOR AVAILABLE SOURCES (IN MILLS PER KILOWATT
HOUR) AS A FUNCTION OF THE USERS REQUIREMENTS E.G., KWH PER

YEAR OF MONTH.

HIGHLY USEFUL ADDITIONAL INFORMATION WOULD BE:

A. DISTANCE OF TRANSMISSION TO USER;

B. CAPITAL COST OF GENERATING EQUIPMENT DOLLARS PER
KILOWATT CAPACITY;

C. COST OF MONEY TO PURCHASE CAPITAL EQUIPMENT--FIXED
CHARGE RATE, PERCENT OF CAPITAL COSTS TO BE RECOVERED PER
YEAR;

D. LOAD FACTOR OF GENERATING EQUIPMENT--EFFICIENCY DETER-
MINED BY HOURS OF OPERATION DIVIDED BY HOURS PER YEAR;
UNCLASSIFIED

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PAGE 04 STATE 210477

AND;

E. COST OF FUEL FOR GENERATION AND MEGAWATT CAPACITY
SUPPLIED BY FUEL. AMOUNT OF FUEL REQUIRED FOR GENERATING
PER YEAR.

3. REQUEST INFORMATION BE PROVIDED ASAP TO THE ATTENTION
OF CECILE LEDSKY, OES/NET. VANCE

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Message Attributes

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Disposition Approved on Date:
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Disposition Comment:
Disposition Date: 01 jan 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
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TAGS: ENRG, TECH, ELEC, ML
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